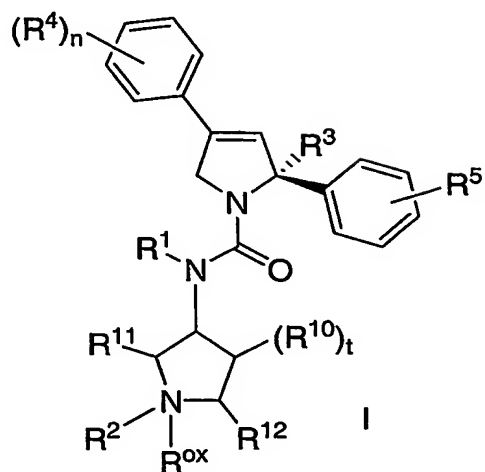


## WHAT IS CLAIMED IS:

1. A compound of Formula I:



- 5 or a pharmaceutically acceptable salt or stereoisomer thereof,  
wherein:

a is 0 or 1;

b is 0 or 1;

10 m is 0, 1, or 2;

n is 0, 1, 2 or 3;

r is 0 or 1;

s is 0 or 1;

t is 0, 1 or 2;

- 15  $R^1$  and  $R^2$  are independently selected from: H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, aryl, heterocyclyl and (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl,  
optionally substituted with one, two or three substituents selected from  $R^7$ ;

$R^3$  is selected from:

- 20 1) hydrogen;  
2) C<sub>1</sub>-C<sub>10</sub> alkyl;  
3) C<sub>1</sub>-C<sub>10</sub> alkyl-O-R<sup>d</sup>,  
4) C<sub>2</sub>-C<sub>10</sub> alkenyl-O-R<sup>d</sup>,  
5) C<sub>2</sub>-C<sub>10</sub> alkynyl-O-R<sup>d</sup>,  
25 6) (C<sub>1</sub>-C<sub>6</sub>-alkylene)<sub>n</sub>C<sub>3</sub>-C<sub>8</sub> cycloalkyl-O-R<sup>d</sup>,

- 7)  $C_1-C_{10}$  alkyl- $(C=O)_b-NR^cR^c$ ,
- 8)  $C_2-C_{10}$  alkenyl- $(C=O)_b-NR^cR^c$ ,
- 9)  $C_2-C_{10}$  alkynyl- $(C=O)_b-NR^cR^c$ ,
- 10)  $(C_1-C_6\text{-alkylene})_nC_3-C_8$  cycloalkyl- $(C=O)_b-NR^cR^c$ ,
- 5 11)  $C_1-C_{10}$  alkyl- $S(O)_m-R^d$ ,
- 12)  $C_2-C_{10}$  alkenyl-  $S(O)_m-R^d$ ,
- 13)  $C_2-C_{10}$  alkynyl-  $S(O)_m-R^d$ ,
- 14)  $(C_1-C_6\text{-alkylene})_nC_3-C_8$  cycloalkyl-  $S(O)_m-R^d$ ,

said alkyl, alkenyl, alkynyl and cycloalkyl are optionally substituted with one or more substituents  
 10 selected from  $R^6$ ;

$R^4$  is independently selected from:

- 1)  $(C=O)_aO_bC_1-C_{10}$  alkyl,
- 2)  $(C=O)_aO_b$ aryl,
- 15 3)  $CO_2H$ ,
- 4) halo,
- 5)  $CN$ ,
- 6)  $OH$ ,
- 7)  $O_bC_1-C_6$  perfluoroalkyl,
- 20 8)  $O_a(C=O)_bNR^8R^9$ ,
- 9)  $S(O)_mR^a$ ,
- 10)  $S(O)_2NR^8R^9$ ,

said alkyl, aryl, alkenyl, alkynyl, heterocyclyl, and cycloalkyl optionally substituted with one, two or  
 three substituents selected from  $R^7$ ;

$R^5$  is selected from:

- 1) hydrogen;
- 2)  $(C=O)_aO_bC_1-C_{10}$  alkyl,
- 3)  $(C=O)_aO_b$ aryl,
- 30 4)  $CO_2H$ ,
- 5) halo,
- 6)  $CN$ ,
- 7)  $OH$ ,
- 8)  $O_bC_1-C_6$  perfluoroalkyl,
- 35 9)  $O_a(C=O)_bNR^8R^9$ ,

- 10)  $S(O)_m R^a$ ,  
 11)  $S(O)_2 NR^8 R^9$ ,

said alkyl, aryl, alkenyl, alkynyl, heterocyclyl, and cycloalkyl optionally substituted with one, two or three substituents selected from  $R^7$ ;

5

$R^6$  is independently selected from:

- 1)  $(C=O)_a O_b C_1-C_{10}$  alkyl,  
 2)  $(C=O)_a O_b$  aryl,  
 3)  $C_2-C_{10}$  alkenyl,  
 10 4)  $C_2-C_{10}$  alkynyl,  
 5)  $(C=O)_a O_b$  heterocyclyl,  
 6)  $CO_2H$ ,  
 7) halo,  
 8)  $CN$ ,  
 15 9)  $OH$ ,  
 10)  $O_b C_1-C_6$  perfluoroalkyl,  
 11)  $O_a (C=O)_b NR^8 R^9$ ,  
 12)  $S(O)_m R^a$ ,  
 13)  $S(O)_2 NR^8 R^9$ ,  
 20 14) oxo,  
 15)  $CHO$ ,  
 16)  $(N=O)R^8 R^9$ , or  
 17)  $(C=O)_a O_b C_3-C_8$  cycloalkyl,

25 said alkyl, aryl, alkenyl, alkynyl, heterocyclyl, and cycloalkyl optionally substituted with one, two or three substituents selected from  $R^7$ ;

$R^7$  is selected from:

- 1)  $(C=O)_r O_s (C_1-C_{10})$  alkyl,  
 2)  $O_r (C_1-C_3)$  perfluoroalkyl,  
 30 3) oxo,  
 4)  $OH$ ,  
 5) halo,  
 6)  $CN$ ,  
 7)  $(C_2-C_{10})$  alkenyl,  
 35 8)  $(C_2-C_{10})$  alkynyl,

- 9)  $(\text{C}=\text{O})_r\text{O}_s(\text{C}_3\text{-C}_6)\text{cycloalkyl}$ ,
- 10)  $(\text{C}=\text{O})_r\text{O}_s(\text{C}_0\text{-C}_6)\text{alkylene-aryl}$ ,
- 11)  $(\text{C}=\text{O})_r\text{O}_s(\text{C}_0\text{-C}_6)\text{alkylene-heterocyclyl}$ ,
- 12)  $(\text{C}=\text{O})_r\text{O}_s(\text{C}_0\text{-C}_6)\text{alkylene-N(R}^b)_2$ ,
- 13)  $\text{C(O)R}^a$ ,
- 14)  $(\text{C}_0\text{-C}_6)\text{alkylene-CO}_2\text{R}^a$ ,
- 15)  $\text{C(O)H}$ ,
- 16)  $(\text{C}_0\text{-C}_6)\text{alkylene-CO}_2\text{H}$ , and
- 17)  $\text{C(O)N(R}^b)_2$ ,
- 18)  $\text{S(O)}_m\text{R}^a$ , and
- 19)  $\text{S(O)}_2\text{N(R}^b)_2$ ;

said alkyl, alkenyl, alkynyl, cycloalkyl, aryl, alkylene and heterocyclyl is optionally substituted with up to three substituents selected from  $\text{R}^b$ , OH,  $(\text{C}_1\text{-C}_6)\text{alkoxy}$ , halogen,  $\text{CO}_2\text{H}$ , CN,  $\text{O(C=O)C}_1\text{-C}_6$  alkyl, oxo,  $\text{NO}_2$  and  $\text{N(R}^b)_2$ ;

$\text{R}^8$  and  $\text{R}^9$  are independently selected from:

- 1) H,
- 2)  $(\text{C}=\text{O})\text{O}_b\text{C}_1\text{-C}_{10}$  alkyl,
- 3)  $(\text{C}=\text{O})\text{O}_b\text{C}_3\text{-C}_8$  cycloalkyl,
- 4)  $(\text{C}=\text{O})\text{O}_b\text{aryl}$ ,
- 5)  $(\text{C}=\text{O})\text{O}_b\text{heterocyclyl}$ ,
- 6)  $\text{C}_1\text{-C}_{10}$  alkyl,
- 7) aryl,
- 8)  $\text{C}_2\text{-C}_{10}$  alkenyl,
- 9)  $\text{C}_2\text{-C}_{10}$  alkynyl,
- 10) heterocyclyl,
- 11)  $\text{C}_3\text{-C}_8$  cycloalkyl,
- 12)  $\text{SO}_2\text{R}^a$ , and
- 13)  $(\text{C}=\text{O})\text{NR}^b_2$ ,

said alkyl, cycloalkyl, aryl, heterocyclyl, alkenyl, and alkynyl is optionally substituted with one, two or three substituents selected from  $\text{R}^7$ , or

$\text{R}^8$  and  $\text{R}^9$  can be taken together with the nitrogen to which they are attached to form a monocyclic or bicyclic heterocycle with 3-7 members in each ring and optionally containing, in addition to the nitrogen, one or two additional heteroatoms selected from N, O and S, said monocyclic or bicyclic heterocycle optionally substituted with one, two or three substituents selected from  $\text{R}^7$ ;

R<sup>10</sup> is selected from: F and -CH<sub>2</sub>F;

R<sup>11</sup> and R<sup>12</sup> are independently selected from: H and -CH<sub>2</sub>F;

5

R<sup>ox</sup> is absent or is oxo;

R<sup>a</sup> is independently selected from: (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, aryl, or heterocyclyl, optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

10

R<sup>b</sup> is independently selected from: H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, aryl, heterocyclyl, (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, (C=O)OC<sub>1</sub>-C<sub>6</sub> alkyl, (C=O)C<sub>1</sub>-C<sub>6</sub> alkyl, (C=O)aryl, (C=O)heterocyclyl, (C=O)NReRe' or S(O)<sub>2</sub>R<sup>a</sup>, optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

15 R<sup>c</sup> and R<sup>c'</sup> are independently selected from: H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, aryl, NH<sub>2</sub>, OH, OR<sup>a</sup>, -(C<sub>1</sub>-C<sub>6</sub>)alkyl-OH, -(C<sub>1</sub>-C<sub>6</sub>)alkyl-O-(C<sub>1</sub>-C<sub>6</sub>)alkyl, (C=O)OC<sub>1</sub>-C<sub>6</sub> alkyl, (C=O)C<sub>1</sub>-C<sub>6</sub> alkyl, (C=O)aryl, (C=O)heterocyclyl, (C=O)NReRe', S(O)<sub>2</sub>R<sup>a</sup> and -(C<sub>1</sub>-C<sub>6</sub>)alkyl-N(R<sup>b</sup>)<sub>2</sub>, wherein the alkyl is optionally substituted with one, two or three substituents selected from R<sup>7</sup>; or

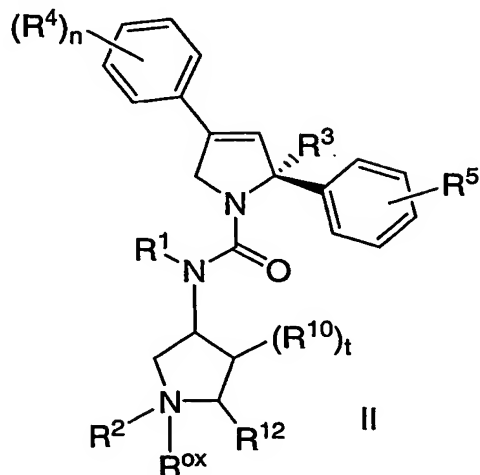
20 R<sup>c</sup> and R<sup>c'</sup> can be taken together with the nitrogen to which they are attached to form a monocyclic or bicyclic heterocycle with 3-7 members in each ring and optionally containing, in addition to the nitrogen, one or two additional heteroatoms selected from N, O and S, said monocyclic or bicyclic heterocycle optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

25 R<sup>d</sup> is selected from: H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, -(C<sub>2</sub>-C<sub>6</sub>)alkyl-OH, -(C<sub>1</sub>-C<sub>6</sub>)alkyl-O-(C<sub>1</sub>-C<sub>6</sub>)alkyl and -(C<sub>1</sub>-C<sub>6</sub>)alkyl-N(R<sup>b</sup>)<sub>2</sub>, wherein the alkyl is optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

30 R<sup>e</sup> and R<sup>e'</sup> are independently selected from: H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, aryl, heterocyclyl and (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, optionally substituted with one, two or three substituents selected from R<sup>7</sup>; or

35 R<sup>e</sup> and R<sup>e'</sup> can be taken together with the nitrogen to which they are attached to form a monocyclic or bicyclic heterocycle with 3-7 members in each ring and optionally containing, in addition to the nitrogen, one or two additional heteroatoms selected from N, O and S, said monocyclic or bicyclic heterocycle optionally substituted with one, two or three substituents selected from R<sup>7</sup>.

2. The compound according to Claim 1 of Formula II:



or a pharmaceutically acceptable salt or stereoisomer thereof,

wherein:

a is 0 or 1;

b is 0 or 1;

10 m is 0, 1, or 2;

n is 0, 1, 2 or 3;

r is 0 or 1;

s is 0 or 1;

t is 0 or 1;

15 R<sup>1</sup> and R<sup>2</sup> are independently selected from: H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, aryl, heterocyclyl and (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

R<sup>3</sup> is selected from:

- 20
- 1) hydrogen;
  - 2) C<sub>1</sub>-C<sub>10</sub> alkyl;
  - 3) C<sub>1</sub>-C<sub>10</sub> alkyl-O-R<sup>d</sup>,
  - 4) C<sub>2</sub>-C<sub>10</sub> alkenyl-O-R<sup>d</sup>,
  - 5) C<sub>2</sub>-C<sub>10</sub> alkynyl-O-R<sup>d</sup>,

- 6)  $(C_1-C_6\text{-alkylene})_n C_3-C_8$  cycloalkyl-O-R<sup>d</sup>,
- 7)  $C_1-C_{10}$  alkyl-(C=O)<sub>b</sub>-NR<sup>c</sup>R<sup>c</sup> ',
- 8)  $C_2-C_{10}$  alkenyl-(C=O)<sub>b</sub>NR<sup>c</sup>R<sup>c</sup> ',
- 9)  $C_2-C_{10}$  alkynyl-(C=O)<sub>b</sub>NR<sup>c</sup>R<sup>c</sup> ',
- 5 10)  $(C_1-C_6\text{-alkylene})_n C_3-C_8$  cycloalkyl-(C=O)<sub>b</sub>NR<sup>c</sup>R<sup>c</sup> ',
- 11)  $C_1-C_{10}$  alkyl-S(O)<sub>m</sub>-R<sup>d</sup>,
- 12)  $C_2-C_{10}$  alkenyl- S(O)<sub>m</sub>-R<sup>d</sup>,
- 13)  $C_2-C_{10}$  alkynyl- S(O)<sub>m</sub>-R<sup>d</sup>,
- 14)  $(C_1-C_6\text{-alkylene})_n C_3-C_8$  cycloalkyl- S(O)<sub>m</sub>-R<sup>d</sup>,

10 said alkyl, alkenyl, alkynyl and cycloalkyl are optionally substituted with one or more substituents selected from R<sup>6</sup>;

R<sup>4</sup> is independently selected from:

- 1)  $(C=O)_a O_b C_1-C_{10}$  alkyl,
- 15 2)  $(C=O)_a O_b$ aryl,
- 3) CO<sub>2</sub>H,
- 4) halo,
- 5) CN,
- 6) OH,
- 20 7) O<sub>b</sub>C<sub>1</sub>-C<sub>6</sub> perfluoroalkyl,
- 8) O<sub>a</sub>(C=O)<sub>b</sub>NR<sup>8</sup>R<sup>9</sup>,
- 9) S(O)<sub>m</sub>R<sup>a</sup>,
- 10) S(O)<sub>2</sub>NR<sup>8</sup>R<sup>9</sup>,

25 said alkyl, aryl, alkenyl, alkynyl, heterocyclyl, and cycloalkyl optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

R<sup>5</sup> is selected from:

- 1) hydrogen;
- 2)  $(C=O)_a O_b C_1-C_{10}$  alkyl,
- 3)  $(C=O)_a O_b$ aryl,
- 30 4) CO<sub>2</sub>H,
- 5) halo,
- 6) CN,
- 7) OH,
- 8) O<sub>b</sub>C<sub>1</sub>-C<sub>6</sub> perfluoroalkyl,
- 35 9) O<sub>a</sub>(C=O)<sub>b</sub>NR<sup>8</sup>R<sup>9</sup>,

- 10)  $S(O)_m R^a$ ,  
 11)  $S(O)_2 N R^8 R^9$ ,

said alkyl, aryl, alkenyl, alkynyl, heterocyclyl, and cycloalkyl optionally substituted with one, two or three substituents selected from  $R^7$ ;

5

$R^6$  is independently selected from:

- 1)  $(C=O)_a O_b C_1-C_{10}$  alkyl,  
 2)  $(C=O)_a O_b$  aryl,  
 3)  $C_2-C_{10}$  alkenyl,  
 10 4)  $C_2-C_{10}$  alkynyl,  
 5)  $(C=O)_a O_b$  heterocyclyl,  
 6)  $CO_2H$ ,  
 7) halo,  
 8)  $CN$ ,  
 15 9)  $OH$ ,  
 10)  $O_b C_1-C_6$  perfluoroalkyl,  
 11)  $O_a (C=O)_b N R^8 R^9$ ,  
 12)  $S(O)_m R^a$ ,  
 13)  $S(O)_2 N R^8 R^9$ ,  
 20 14) oxo,  
 15)  $CHO$ ,  
 16)  $(N=O) R^8 R^9$ , or  
 17)  $(C=O)_a O_b C_3-C_8$  cycloalkyl,

25 said alkyl, aryl, alkenyl, alkynyl, heterocyclyl, and cycloalkyl optionally substituted with one, two or three substituents selected from  $R^7$ ;

$R^7$  is selected from:

- 1)  $(C=O)_r O_s (C_1-C_{10})$  alkyl,  
 2)  $O_r (C_1-C_3)$  perfluoroalkyl,  
 3) oxo,  
 30 4)  $OH$ ,  
 5) halo,  
 6)  $CN$ ,  
 7)  $(C_2-C_{10})$  alkenyl,  
 8)  $(C_2-C_{10})$  alkynyl,  
 35 9)  $(C=O)_r O_s (C_3-C_6)$  cycloalkyl,



- 10)  $(\text{C}=\text{O})_r\text{O}_s(\text{C}_0\text{-C}_6)\text{alkylene-aryl}$ ,  
 11)  $(\text{C}=\text{O})_r\text{O}_s(\text{C}_0\text{-C}_6)\text{alkylene-heterocyclyl}$ ,  
 12)  $(\text{C}=\text{O})_r\text{O}_s(\text{C}_0\text{-C}_6)\text{alkylene-N(R}^b)_2$ ,  
 13)  $\text{C(O)R}^a$ ,  
 5 14)  $(\text{C}_0\text{-C}_6)\text{alkylene-CO}_2\text{R}^a$ ,  
 15)  $\text{C(O)H}$ ,  
 16)  $(\text{C}_0\text{-C}_6)\text{alkylene-CO}_2\text{H}$ , and  
 17)  $\text{C(O)N(R}^b)_2$ ,  
 18)  $\text{S(O)}_m\text{R}^a$ , and  
 10 19)  $\text{S(O)}_2\text{N(R}^b)_2$ ;

said alkyl, alkenyl, alkynyl, cycloalkyl, aryl, alkylene and heterocyclyl is optionally substituted with up to three substituents selected from  $\text{R}^b$ , OH,  $(\text{C}_1\text{-C}_6)\text{alkoxy}$ , halogen,  $\text{CO}_2\text{H}$ , CN,  $\text{O}(\text{C}=\text{O})\text{C}_1\text{-C}_6\text{ alkyl}$ , oxo,  $\text{NO}_2$  and  $\text{N(R}^b)_2$ ;

15  $\text{R}^8$  and  $\text{R}^9$  are independently selected from:

- 1) H,  
 2)  $(\text{C}=\text{O})\text{O}_b\text{C}_1\text{-C}_{10}\text{ alkyl}$ ,  
 3)  $(\text{C}=\text{O})\text{O}_b\text{C}_3\text{-C}_8\text{ cycloalkyl}$ ,  
 4)  $(\text{C}=\text{O})\text{O}_b\text{aryl}$ ,  
 20 5)  $(\text{C}=\text{O})\text{O}_b\text{heterocyclyl}$ ,  
 6)  $\text{C}_1\text{-C}_{10}\text{ alkyl}$ ,  
 7) aryl,  
 8)  $\text{C}_2\text{-C}_{10}\text{ alkenyl}$ ,  
 9)  $\text{C}_2\text{-C}_{10}\text{ alkynyl}$ ,  
 25 10) heterocyclyl,  
 11)  $\text{C}_3\text{-C}_8\text{ cycloalkyl}$ ,  
 12)  $\text{SO}_2\text{R}^a$ , and  
 13)  $(\text{C}=\text{O})\text{NR}^b_2$ ,

30 said alkyl, cycloalkyl, aryl, heterocyclyl, alkenyl, and alkynyl is optionally substituted with one, two or three substituents selected from  $\text{R}^7$ , or

$\text{R}^8$  and  $\text{R}^9$  can be taken together with the nitrogen to which they are attached to form a monocyclic or bicyclic heterocycle with 3-7 members in each ring and optionally containing, in addition to the nitrogen, one or two additional heteroatoms selected from N, O and S, said monocyclic or bicyclic heterocycle  
 35 optionally substituted with one, two or three substituents selected from  $\text{R}^7$ ;

R<sup>10</sup> is selected from: F and -CH<sub>2</sub>F;

R<sup>12</sup> is selected from: H and -CH<sub>2</sub>F, provided that when t is 1, R<sup>12</sup> is H;

5

R<sup>ox</sup> is absent or is oxo;

R<sup>a</sup> is independently selected from: (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, aryl, or heterocyclyl, optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

10

R<sup>b</sup> is independently selected from: H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, aryl, heterocyclyl, (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, (C=O)OC<sub>1</sub>-C<sub>6</sub> alkyl, (C=O)C<sub>1</sub>-C<sub>6</sub> alkyl, (C=O)aryl, (C=O)heterocyclyl, (C=O)NReRe' or S(O)<sub>2</sub>R<sup>a</sup>, optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

15

R<sup>c</sup> and R<sup>c'</sup> are independently selected from: H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, aryl, NH<sub>2</sub>, OH, OR<sup>a</sup>, -(C<sub>1</sub>-C<sub>6</sub>)alkyl-OH, -(C<sub>1</sub>-C<sub>6</sub>)alkyl-O-(C<sub>1</sub>-C<sub>6</sub>)alkyl, (C=O)OC<sub>1</sub>-C<sub>6</sub> alkyl, (C=O)C<sub>1</sub>-C<sub>6</sub> alkyl, (C=O)aryl, (C=O)heterocyclyl, (C=O)NReRe', S(O)<sub>2</sub>R<sup>a</sup> and -(C<sub>1</sub>-C<sub>6</sub>)alkyl-N(R<sup>b</sup>)<sub>2</sub>, wherein the alkyl is optionally substituted with one, two or three substituents selected from R<sup>7</sup>; or

20

R<sup>c</sup> and R<sup>c'</sup> can be taken together with the nitrogen to which they are attached to form a monocyclic or bicyclic heterocycle with 3-7 members in each ring and optionally containing, in addition to the nitrogen, one or two additional heteroatoms selected from N, O and S, said monocyclic or bicyclic heterocycle optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

25

R<sup>d</sup> is selected from: H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, -(C<sub>2</sub>-C<sub>6</sub>)alkyl-OH, -(C<sub>1</sub>-C<sub>6</sub>)alkyl-O-(C<sub>1</sub>-C<sub>6</sub>)alkyl and -(C<sub>1</sub>-C<sub>6</sub>)alkyl-N(R<sup>b</sup>)<sub>2</sub>, wherein the alkyl is optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

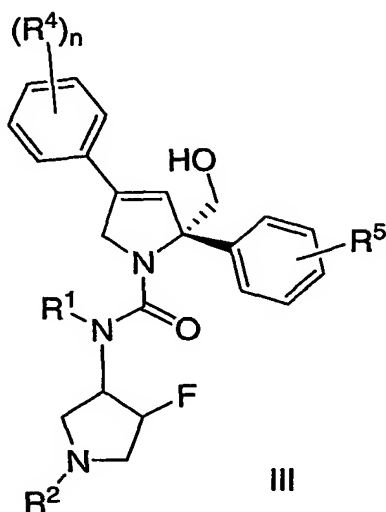
Re and Re' are independently selected from: H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, aryl, heterocyclyl and (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, optionally substituted with one, two or three substituents selected from R<sup>7</sup>; or

30

Re and Re' can be taken together with the nitrogen to which they are attached to form a monocyclic or bicyclic heterocycle with 3-7 members in each ring and optionally containing, in addition to the nitrogen, one or two additional heteroatoms selected from N, O and S, said monocyclic or bicyclic heterocycle optionally substituted with one, two or three substituents selected from R<sup>7</sup>.

35

3. The compound according to Claim 2 of Formula III:



or a pharmaceutically acceptable salt or stereoisomer thereof,

5 wherein:

- a is 0 or 1;
- b is 0 or 1;
- m is 0, 1, or 2;
- 10 n is 0, 1 or 2;
- r is 0 or 1;
- s is 0 or 1;

R<sup>1</sup> and R<sup>2</sup> are independently selected from: H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, aryl and (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, optionally  
 15 substituted with one, two or three substituents selected from R<sup>7</sup>;

R<sup>4</sup> is independently selected from:

- 1) halo,
- 2) OH,
- 20 3) O<sub>b</sub>C<sub>1</sub>-C<sub>6</sub> perfluoroalkyl,

R<sup>5</sup> is selected from:

- 1) hydrogen,
- 2) halo,

- 3) OH,
- 4)  $O_bC_1-C_6$  perfluoroalkyl,

$R^7$  is selected from:

- 5           1)  $(C=O)_rO_s(C_1-C_{10})$ alkyl,
- 2)  $O_r(C_1-C_3)$ perfluoroalkyl,
- 3) oxo,
- 4) OH,
- 5) halo,
- 10          6) CN,
- 7)  $(C_2-C_{10})$ alkenyl,
- 8)  $(C_2-C_{10})$ alkynyl,
- 9)  $(C=O)_rO_s(C_3-C_6)$ cycloalkyl,
- 10)  $(C=O)_rO_s(C_0-C_6)$ alkylene-aryl,
- 15          11)  $(C=O)_rO_s(C_0-C_6)$ alkylene-heterocyclyl,
- 12)  $(C=O)_rO_s(C_0-C_6)$ alkylene- $N(R^b)_2$ ,
- 13)  $C(O)R^a$ ,
- 14)  $(C_0-C_6)$ alkylene- $CO_2R^a$ ,
- 15)  $C(O)H$ ,
- 20          16)  $(C_0-C_6)$ alkylene- $CO_2H$ , and
- 17)  $C(O)N(R^b)_2$ ,
- 18)  $S(O)_mR^a$ , and
- 19)  $S(O)_2N(R^b)_2$ ;

25       said alkyl, alkenyl, alkynyl, cycloalkyl, aryl, alkylene and heterocyclyl is optionally substituted with up to three substituents selected from  $R^b$ , OH,  $(C_1-C_6)$ alkoxy, halogen,  $CO_2H$ , CN,  $O(C=O)C_1-C_6$  alkyl, oxo,  $NO_2$  and  $N(R^b)_2$ ;

$R^8$  and  $R^9$  are independently selected from:

- 30           1) H,
- 2)  $(C=O)O_bC_1-C_{10}$  alkyl,
- 3)  $(C=O)O_bC_3-C_8$  cycloalkyl,
- 4)  $(C=O)O_b$ aryl,
- 5)  $(C=O)O_b$ heterocyclyl,
- 6)  $C_1-C_{10}$  alkyl,
- 35          7) aryl,

- 8) C<sub>2</sub>-C<sub>10</sub> alkenyl,
- 9) C<sub>2</sub>-C<sub>10</sub> alkynyl,
- 10) heterocyclyl,
- 11) C<sub>3</sub>-C<sub>8</sub> cycloalkyl,
- 12) SO<sub>2</sub>R<sup>a</sup>, and
- 13) (C=O)NR<sup>b</sup><sub>2</sub>,

said alkyl, cycloalkyl, aryl, heterocyclyl, alkenyl, and alkynyl is optionally substituted with one, two or three substituents selected from R<sup>7</sup>, or

10 R<sup>8</sup> and R<sup>9</sup> can be taken together with the nitrogen to which they are attached to form a monocyclic or bicyclic heterocycle with 3-7 members in each ring and optionally containing, in addition to the nitrogen, one or two additional heteroatoms selected from N, O and S, said monocyclic or bicyclic heterocycle optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

15 R<sup>a</sup> is independently selected from: (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, aryl, or heterocyclyl, optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

R<sup>b</sup> is independently selected from: H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, aryl, heterocyclyl, (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, (C=O)OC<sub>1</sub>-C<sub>6</sub> alkyl, (C=O)C<sub>1</sub>-C<sub>6</sub> alkyl, (C=O)aryl, (C=O)heterocyclyl, (C=O)NR<sup>e</sup>R<sup>e'</sup> or S(O)<sub>2</sub>R<sup>a</sup>, optionally

20 substituted with one, two or three substituents selected from R<sup>7</sup>;

R<sup>c</sup> and R<sup>c'</sup> are independently selected from: H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, aryl, NH<sub>2</sub>, OH, OR<sup>a</sup>, -(C<sub>1</sub>-C<sub>6</sub>)alkyl-OH, -(C<sub>1</sub>-C<sub>6</sub>)alkyl-O-(C<sub>1</sub>-C<sub>6</sub>)alkyl, (C=O)OC<sub>1</sub>-C<sub>6</sub> alkyl, (C=O)C<sub>1</sub>-C<sub>6</sub> alkyl, (C=O)aryl, (C=O)heterocyclyl, (C=O)NR<sup>e</sup>R<sup>e'</sup>, S(O)<sub>2</sub>R<sup>a</sup> and -(C<sub>1</sub>-C<sub>6</sub>)alkyl-N(R<sup>b</sup>)<sub>2</sub>, wherein the alkyl is optionally substituted with one, two or three substituents selected from R<sup>7</sup>; or

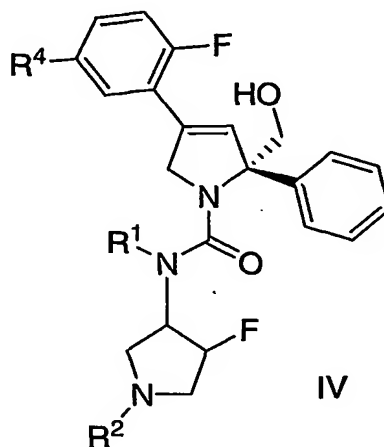
25 R<sup>c</sup> and R<sup>c'</sup> can be taken together with the nitrogen to which they are attached to form a monocyclic or bicyclic heterocycle with 3-7 members in each ring and optionally containing, in addition to the nitrogen, one or two additional heteroatoms selected from N, O and S, said monocyclic or bicyclic heterocycle optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

30 R<sup>e</sup> and R<sup>e'</sup> are independently selected from: H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, aryl, heterocyclyl and (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, optionally substituted with one, two or three substituents selected from R<sup>7</sup>; or

35 R<sup>e</sup> and R<sup>e'</sup> can be taken together with the nitrogen to which they are attached to form a monocyclic or bicyclic heterocycle with 3-7 members in each ring and optionally containing, in addition to the nitrogen,

one or two additional heteroatoms selected from N, O and S, said monocyclic or bicyclic heterocycle optionally substituted with one, two or three substituents selected from R<sup>7</sup>.

4. The compound according to Claim 3 of the formula IV:



or a pharmaceutically acceptable salt or stereoisomer thereof,

wherein:

a is 0 or 1;

10 b is 0 or 1;

m is 0, 1, or 2;

r is 0 or 1;

s is 0 or 1;

15 R<sup>1</sup> and R<sup>2</sup> are independently selected from: H and (C<sub>1</sub>-C<sub>6</sub>)alkyl, optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

R<sup>4</sup> is independently selected from:

- 1) halo,
- 20 2) OH,
- 3) O<sub>b</sub>C<sub>1</sub>-C<sub>6</sub> perfluoroalkyl,

R<sup>7</sup> is selected from:

- 1) (C=O)<sub>r</sub>O<sub>s</sub>(C<sub>1</sub>-C<sub>10</sub>)alkyl,
- 25 2) O<sub>r</sub>(C<sub>1</sub>-C<sub>3</sub>)perfluoroalkyl,

- 3) oxo,
- 4) OH,
- 5) halo,
- 6) CN,
- 5 7) (C<sub>2</sub>-C<sub>10</sub>)alkenyl,
- 8) (C<sub>2</sub>-C<sub>10</sub>)alkynyl,
- 9) (C=O)<sub>r</sub>O<sub>s</sub>(C<sub>3</sub>-C<sub>6</sub>)cycloalkyl,
- 10) (C=O)<sub>r</sub>O<sub>s</sub>(C<sub>0</sub>-C<sub>6</sub>)alkylene-aryl,
- 11) (C=O)<sub>r</sub>O<sub>s</sub>(C<sub>0</sub>-C<sub>6</sub>)alkylene-heterocyclyl,
- 10 12) (C=O)<sub>r</sub>O<sub>s</sub>(C<sub>0</sub>-C<sub>6</sub>)alkylene-N(R<sup>b</sup>)<sub>2</sub>,
- 13) C(O)R<sup>a</sup>,
- 14) (C<sub>0</sub>-C<sub>6</sub>)alkylene-CO<sub>2</sub>R<sup>a</sup>,
- 15) C(O)H,
- 16) (C<sub>0</sub>-C<sub>6</sub>)alkylene-CO<sub>2</sub>H, and
- 15 17) C(O)N(R<sup>b</sup>)<sub>2</sub>,
- 18) S(O)<sub>m</sub>R<sup>a</sup>, and
- 19) S(O)<sub>2</sub>N(R<sup>b</sup>)<sub>2</sub>;

20 said alkyl, alkenyl, alkynyl, cycloalkyl, aryl, alkylene and heterocyclyl is optionally substituted with up to three substituents selected from R<sup>b</sup>, OH, (C<sub>1</sub>-C<sub>6</sub>)alkoxy, halogen, CO<sub>2</sub>H, CN, O(C=O)C<sub>1</sub>-C<sub>6</sub> alkyl, oxo, NO<sub>2</sub> and N(R<sup>b</sup>)<sub>2</sub>;

R<sup>8</sup> and R<sup>9</sup> are independently selected from:

- 1) H,
- 25 2) (C=O)O<sub>b</sub>C<sub>1</sub>-C<sub>10</sub> alkyl,
- 3) (C=O)O<sub>b</sub>C<sub>3</sub>-C<sub>8</sub> cycloalkyl,
- 4) (C=O)O<sub>b</sub>aryl,
- 5) (C=O)O<sub>b</sub>heterocyclyl,
- 6) C<sub>1</sub>-C<sub>10</sub> alkyl,
- 30 7) aryl,
- 8) C<sub>2</sub>-C<sub>10</sub> alkenyl,
- 9) C<sub>2</sub>-C<sub>10</sub> alkynyl,
- 10) heterocyclyl,
- 11) C<sub>3</sub>-C<sub>8</sub> cycloalkyl,
- 35 12) SO<sub>2</sub>R<sup>a</sup>, and

13)  $(C=O)NR^b_2$ ,

said alkyl, cycloalkyl, aryl, heterocyclyl, alkenyl, and alkynyl is optionally substituted with one, two or three substituents selected from  $R^7$ , or

- 5  $R^8$  and  $R^9$  can be taken together with the nitrogen to which they are attached to form a monocyclic or bicyclic heterocycle with 3-7 members in each ring and optionally containing, in addition to the nitrogen, one or two additional heteroatoms selected from N, O and S, said monocyclic or bicyclic heterocycle optionally substituted with one, two or three substituents selected from  $R^7$ ;
- 10  $R^a$  is independently selected from:  $(C_1-C_6)$ alkyl,  $(C_3-C_6)$ cycloalkyl, aryl, or heterocyclyl, optionally substituted with one, two or three substituents selected from  $R^7$ ;

$R^b$  is independently selected from: H,  $(C_1-C_6)$ alkyl, aryl, heterocyclyl,  $(C_3-C_6)$ cycloalkyl,  $(C=O)OC_1-C_6$  alkyl,  $(C=O)C_1-C_6$  alkyl,  $(C=O)$ aryl,  $(C=O)$ heterocyclyl,  $(C=O)NR^eRe'$  or  $S(O)_2R^a$ , optionally substituted with one, two or three substituents selected from  $R^7$ ;

$R^c$  and  $R^c'$  are independently selected from: H,  $(C_1-C_6)$ alkyl, aryl,  $NH_2$ , OH,  $OR^a$ ,  $-(C_1-C_6)$ alkyl-OH,  $-(C_1-C_6)$ alkyl-O- $(C_1-C_6)$ alkyl,  $(C=O)OC_1-C_6$  alkyl,  $(C=O)C_1-C_6$  alkyl,  $(C=O)$ aryl,  $(C=O)$ heterocyclyl,  $(C=O)NR^eRe'$ ,  $S(O)_2R^a$  and  $-(C_1-C_6)$ alkyl- $N(R^b)_2$ , wherein the alkyl is optionally substituted with one, two or three substituents selected from  $R^7$ ; or

$R^c$  and  $R^c'$  can be taken together with the nitrogen to which they are attached to form a monocyclic or bicyclic heterocycle with 3-7 members in each ring and optionally containing, in addition to the nitrogen, one or two additional heteroatoms selected from N, O and S, said monocyclic or bicyclic heterocycle optionally substituted with one, two or three substituents selected from  $R^7$ ;

$R^e$  and  $R^e'$  are independently selected from: H,  $(C_1-C_6)$ alkyl, aryl, heterocyclyl and  $(C_3-C_6)$ cycloalkyl, optionally substituted with one, two or three substituents selected from  $R^7$ ; or

30  $R^e$  and  $R^e'$  can be taken together with the nitrogen to which they are attached to form a monocyclic or bicyclic heterocycle with 3-7 members in each ring and optionally containing, in addition to the nitrogen, one or two additional heteroatoms selected from N, O and S, said monocyclic or bicyclic heterocycle optionally substituted with one, two or three substituents selected from  $R^7$ .

35 5. A compound selected from:



(2S)-4-(2,5-Difluorophenyl)-N-[(3R,4R)-4-fluoropyrrolidin-3-yl]-2-(hydroxymethyl)-N-phenyl-2,5-dihydro-1H-pyrrole-1-carboxamide

5 (2S)-4-(2,5-Difluorophenyl)-N-[(3S,4S)-4-fluoropyrrolidin-3-yl]-2-(hydroxymethyl)-N-phenyl-2,5-dihydro-1H-pyrrole-1-carboxamide

(2S)-4-(2,5-Difluorophenyl)-N-[(3R,4R)-4-fluoro-1-methylpyrrolidin-3-yl]-2-(hydroxymethyl)-N-phenyl-2,5-dihydro-1H-pyrrole-1-carboxamide

10 (2S)-4-(2,5-Difluorophenyl)-N-[(3S,4S)-4-fluoro-1-methylpyrrolidin-3-yl]-2-(hydroxymethyl)-N-phenyl-2,5-dihydro-1H-pyrrole-1-carboxamide

(2S)-4-(2,5-Difluorophenyl)-N-[(3S,5S)-5-(fluoromethyl)-pyrrolidin-3-yl]-2-(hydroxymethyl)-N-methyl-2-phenyl-2,5-dihydro-1H-pyrrole-1-carboxamide

15 (2S)-4-(2,5-Difluorophenyl)-N-[(3S,5S)-5-(fluoromethyl)-1-methylpyrrolidin-3-yl]-2-(hydroxymethyl)-N-methyl-2-phenyl-2,5-dihydro-1H-pyrrole-1-carboxamide

20 (2S)-4-(2,5-Difluorophenyl)-N-[(3S,5R)-5-(fluoromethyl)-pyrrolidin-3-yl]-2-(hydroxymethyl)-N-methyl-2-phenyl-2,5-dihydro-1H-pyrrole-1-carboxamide

(2S)-4-(2,5-Difluorophenyl)-N-[(3S,5R)-5-(fluoromethyl)-1-methylpyrrolidin-3-yl]-2-(hydroxymethyl)-N-methyl-2-phenyl-2,5-dihydro-1H-pyrrole-1-carboxamide

25 or a pharmaceutically acceptable salt or stereoisomer thereof.

6. A pharmaceutical composition that is comprised of a compound in accordance with Claim 1 and a pharmaceutically acceptable carrier.

30 7. A method of using the compound according to Claim 1 for the preparation of a medicament useful in treating or preventing cancer in a mammal in need of such treatment.

35 8. A method of using the compound according to Claim 1 for the preparation of a medicament useful in treating or preventing cancer in a mammal in need of such treatment, wherein the cancer is selected from histiocytic lymphoma, lung adenocarcinoma, small cell lung cancers, pancreatic cancer, glioblastomas and breast carcinoma.

9. A method of using the compound according to Claim 1 for the preparation of a medicament useful for modulating mitotic spindle formation in a mammal in need of such treatment.